

# WEST Search History for Application 10607809

Creation Date: 2009082418:42

(inactivated KsQ domain) and PKSUSPT OR YES 02-29-2008  
Katz.in.USPT OR YES 02-29-2008  
Khosla.in.USPT OR YES 02-29-2008  
(Khosla.in. ) and ((inactivated KsQ domain) and PKS )USPT OR YES 02-29-2008  
(Katz.in. ) and ((inactivated KsQ domain) and PKS )USPT OR YES 02-29-2008  
(Katz.in. and (inactivated KsQ domain) and PKS ) and (AT domain for ethylmalonyl  
CoA)USPT OR YES 02-29-2008  
(icm and ccr)USPT OR YES 02-29-2008  
((icm and ccr) ) and (Katz.in. and (inactivated KsQ domain) and PKS and (AT domain for  
ethylmalonyl CoA) )USPT OR YES 02-29-2008  
Revill.in.USPT OR YES 02-29-2008  
(Revill.in. ) and ( ((inactivated KsQ domain) and PKS ) )USPT OR YES 02-29-2008  
60087.pn.USPT OR YES 10-28-2008  
6004787.pn.USPT OR YES 10-28-2008  
(6004787.pn. ) and (beta-ketiacylsynthase)USPT OR YES 10-28-2008  
(6004787.pn. ) and (beta-ketoacyl synthase)USPT OR YES 10-28-2008  
(6004787.pn. ) and (loading module)USPT OR YES 10-28-2008  
(6004787.pn. ) and (KSQ)USPT OR YES 10-28-2008  
KSQ domainUSPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
(KSQ domain ) and (AT domain specific for ethylmalonyl CoA)USPT, USOC, EPAB, JPAB,  
DWPI, TDBD OR YES 10-28-2008  
(KSQ domain ) and (AT domain )USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
(KSQ domain and (AT domain ) ) and (crotonyl CoA)USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 10-28-2008  
(KSQ domain and (AT domain ) ) and (crotonyl CoA reductase)USPT, USOC, EPAB, JPAB,  
DWPI, TDBD OR YES 10-28-2008  
(KSQ domain and (AT domain ) and (crotonyl CoA reductase) ) and (KSQ domain and (AT  
domain ) and (crotonyl CoA )USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
(KSQ domain and (AT domain ) and (crotonyl CoA reductase) and KSQ domain and (AT  
domain ) and (crotonyl CoA ) and (isobutyryl CoA mutase)USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 10-28-2008  
(KSQ domain and (AT domain ) and (crotonyl CoA reductase) and KSQ domain and (AT  
domain ) and (crotonyl CoA) and (isobutyryl CoA mutase) ) (streptomyces  
cinnamensis)USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
(L13(streptomyces cinnamensis) ) and (streptomyces coelicolor)USPT, USOC, EPAB,  
JPAB, DWPI, TDBD OR YES 10-28-2008  
(L13(streptomyces cinnamensis) and (streptomyces coelicolor) ) and (6 extender  
module)USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
(L13(streptomyces cinnamensis) and (streptomyces coelicolor) and (6 extender module) )  
and (beta-ketoacyl synthase domain)USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 10-28-2008  
(L13(streptomyces cinnamensis) and (streptomyces coelicolor) and (6 extender module)  
and (beta-ketoacyl synthase domain) ) and (acyl transferase domain)USPT, USOC, EPAB,  
JPAB, DWPI, TDBD OR YES 10-28-2008  
(L13(streptomyces cinnamensis) and (streptomyces coelicolor) and (6 extender module)  
and (beta-ketoacyl synthase domain) and (acyl transferase domain) ) and (ethylmalonyl

CoA)USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA ) and (acyl carrier protein)USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein) ) and (saccharopolyspora)USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
(L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein) and (saccharopolyspora) ) and (E. coli)USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 10-28-2008  
katz.in.USPT OR YES 10-28-2008  
(katz.in. ) and (L13(streptomyces cinnamonensis) and (streptomyces coelicolor) and (6 extender module) and (beta-ketoacylsynthase domain) and (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein) and (saccharopolyspora) and (E. coli) )USPT OR YES 10-28-2008  
6627427.pn.USPT OR YES 10-28-2008  
(6627427.pn. ) and (KSQ domain)USPT OR YES 10-28-2008  
(6627427.pn. ) and (ethylmalonyl CoA)USPT OR YES 10-28-2008  
(6004787.pn. ) and (KS.sup.Q)USPT OR YES 10-28-2008  
(6004787.pn. ) and (KS.sup.Q domain)USPT OR YES 10-28-2008  
(6004787.pn. ) and (KS)USPT OR YES 10-28-2008  
(6627427.pn. ) and (crotonyl CoA reductase)USPT OR YES 10-28-2008  
(6627427.pn. ) and (isobutyryl CoA)USPT OR YES 10-28-2008  
6066721.pn.USPT OR YES 11-07-2008  
(6066721.pn. ) and (KSQ)USPT OR YES 11-07-2008  
6627427.pn.USPT OR YES 11-07-2008  
6004787.pn.USPT OR YES 11-07-2008  
(6004787.pn. ) and (KSQ)USPT OR YES 11-07-2008  
6583290.pn.USPT OR YES 11-07-2008  
(6583290.pn. ) and (KSQ)USPT OR YES 11-07-2008  
6410301.pn.USPT OR YES 11-07-2008  
(6410301.pn. ) and (KSQ)USPT OR YES 11-07-2008  
(thioester and polyketide)USPT OR YES 11-07-2008  
((thioester and polyketide) ) and (KSQ)USPT OR YES 11-07-2008  
7148045.pn.USPT OR YES 11-07-2008  
(7148045.pn. ) and (ethylmalonyl CoA)USPT OR YES 11-07-2008  
(7148045.pn. ) and (KSQ)USPT OR YES 11-07-2008  
6759536.pn.USPT OR YES 11-07-2008  
(6759536.pn. ) and (KSQ)USPT OR YES 11-07-2008  
(6759536.pn. ) and (ethylmalonyl)USPT OR YES 11-07-2008  
(6759536.pn. ) and (inactivated beta-ketoacylsynthase domain)USPT OR YES 11-07-2008  
(6759536.pn. ) and (crotonyl Co A reductase and streptomyces coelicolor)USPT OR YES 11-07-2008  
(6759536.pn. ) and (extender module)USPT OR YES 11-07-2008  
6600029.pn.USPT OR YES 11-07-2008  
(6600029.pn. ) and (Ksq)USPT OR YES 11-07-2008  
6759536.pn.USPT OR YES 05-12-2009  
(6759536.pn. ) and (ccr)USPT OR YES 05-12-2009  
(6759536.pn. ) and (PKS enzyme)USPT OR YES 05-12-2009

(6759536.pn. ) and (loading module)USPT OR YES 05-12-2009  
 (6759536.pn. ) and (KSQ)USPT OR YES 05-12-2009  
 (6759536.pn. ) and (crotonyl CoA reductase)USPT OR YES 05-12-2009  
     katz.in.PGPB OR YES 05-12-2009  
     revill.in.PGPB OR YES 05-12-2009  
     (revill.in. ) and (katz.in. )PGPB OR YES 05-12-2009  
     (PKS) and (loading module)USPT OR YES 05-12-2009  
     (PKS gene encoding loading module)USPT OR YES 05-12-2009  
 ((PKS gene encoding loading module) ) and (inactivated beta-ketoacylsynthase  
     domain)USPT OR YES 05-12-2009  
 ((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) ) and  
     (acyl transferase domain)USPT OR YES 05-12-2009  
 ((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and  
     (acyl transferase domain) ) and (ethylmalonyl CoA)USPT OR YES 05-12-2009  
 ((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and  
     (acyl transferase domain) and (ethylmalonyl CoA) ) and (acyl carrier protein  
     domain)USPT OR YES 05-12-2009  
 ((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and  
     (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein domain) ) and  
     (crotonyl CoA reductase)USPT OR YES 05-12-2009  
 ((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and  
     (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein domain) and  
     (crotonyl CoA reductase) ) and (streptomyces fradiae)USPT OR YES 05-12-2009  
 ((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and  
     (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein domain) and  
     (crotonyl CoA reductase) and (streptomyces fradiae) ) and (isobutyryl CoA  
     mutase)USPT OR YES 05-12-2009  
 ((PKS gene encoding loading module) and (inactivated beta-ketoacylsynthase domain) and  
     (acyl transferase domain) and (ethylmalonyl CoA) and (acyl carrier protein domain) and  
     (crotonyl CoA reductase) and (streptomyces fradiae) and (isobutyryl CoA mutase) ) and  
     (strptomyces cinnamonesis)USPT OR YES 05-12-2009  
 (6759536.pn. ) and (streptomyces)USPT OR YES 05-12-2009

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
(PKS) and (saccharopolyspora)	USPT	OR	YES		08-24-2009
((PKS) and (saccharopolyspora) ) and (crotonyl CoA reductase or ccr)	USPT	OR	YES		08-24-2009
((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) ) and (KSQ)	USPT	OR	YES		08-24-2009
((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) ) and (streptomyces cinnamonesis)	USPT	OR	YES		08-24-2009
((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) and (streptomyces cinnamonesis) ) and (streptomyces fradiae)	USPT	OR	YES		08-24-2009

((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) and (streptomyces cinnamonensis) and (streptomyces fradiae) ) and (extender)	USPT	OR	YES		08-24-2009
((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) and (streptomyces cinnamonensis) and (streptomyces fradiae) and (extender) ) and (loading module)	USPT	OR	YES		08-24-2009
((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) and (streptomyces cinnamonensis) and (streptomyces fradiae) and (extender) and (loading module) ) and (ethylmalonyl)	USPT	OR	YES		08-24-2009
((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) and (streptomyces cinnamonensis) and (streptomyces fradiae) and (extender) and (loading module) and (ethylmalonyl) ) and (streptomyces collinus)	USPT	OR	YES		08-24-2009
((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) and (streptomyces cinnamonensis) and (streptomyces fradiae) and (extender) and (loading module) and (ethylmalonyl) and (streptomyces collinus) ) and ((PKS) and (saccharopolyspora) and (crotonyl CoA reductase or ccr) and (KSQ) )	USPT	OR	YES		08-24-2009
katz.in.	PGPB	OR	YES		08-24-2009
revill.in.	PGPB	OR	YES		08-24-2009
(revill.in. ) and (katz.in. )	PGPB	OR	YES		08-24-2009